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ABSTRACT

Resources for individuals and organizations interested in teaching and promoting boating safety are listed in this directory of films, speakers, publications, and boating courses. Although some information is specific to New Mexico, most is of general interest. An annotated list of 40 films provides sources for obtaining the films, all free of charge on a loan basis. Topics include navigation, boating regulations, accident prevention, emergency procedures, and boating hazards. Emphasis is on outboard boating but white water running and sailing are also covered. An annotated list of 26 books and pamphlets includes information for ordering; most pamphlets are free in quantity. In addition to topics covered in the films, the publications contain information on canoeing, rowing, emergency repair afloat, first aid, and marine communications. The directory provides names, addresses, and phones of 18 people available to speak to school and community groups interested in boating. A final section describes 13 boating safety skills courses offered by the Coast Guard Auxiliary and the American Red Cross. The courses are appropriate for community education programs and range from in-depth study for serious boatmen to short courses designed to get the novice off to a good start. (JH)

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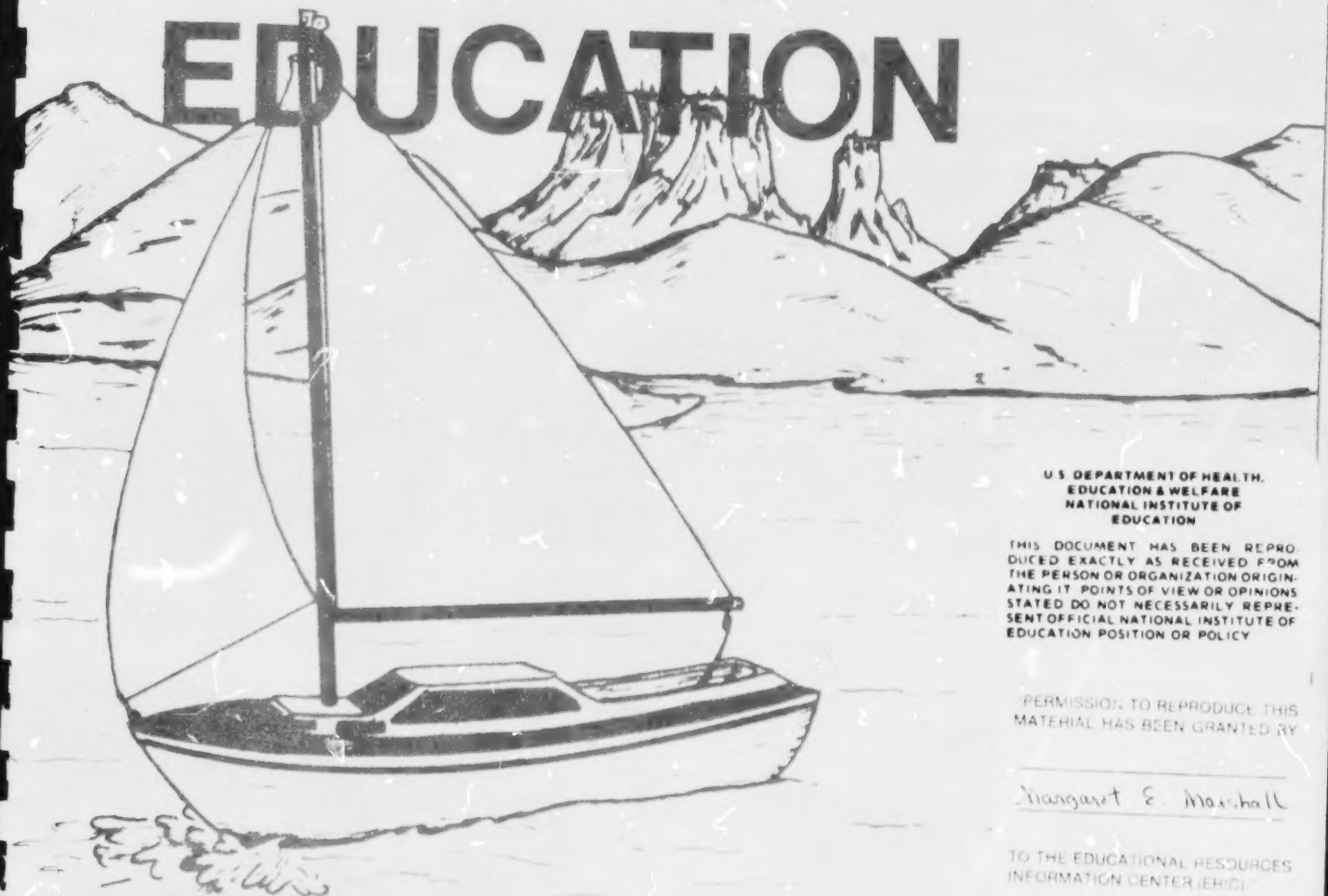
NEW MEXICO BOATING EDUCATION



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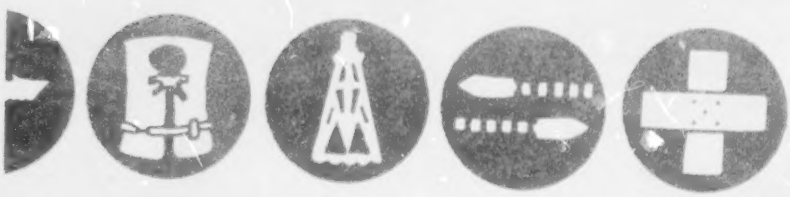

NEW MEXICO BOATING EDUCATION

RESOURCE MANUAL

Published by:

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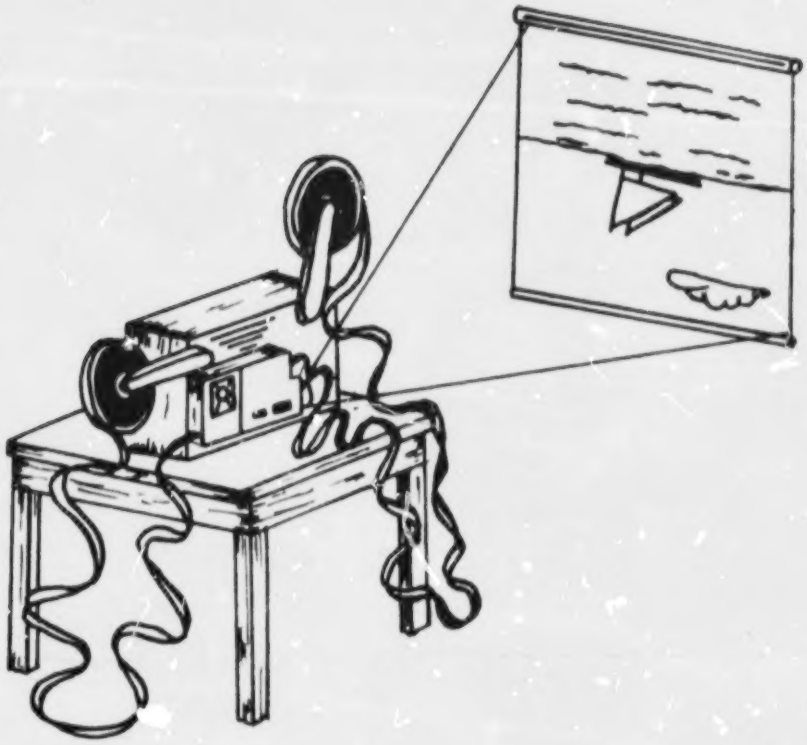
INTRODUCTION

Our primary purpose in producing this manual is to provide information concerning available resources to individuals, schools, and other organizations interested in teaching and promoting boating safety.

During the past several years, the Bureau of Boating Safety has become especially involved in encouraging the public and private middle schools, junior high and high schools in the state to incorporate boating safety as a unit within already existing programs.

In some respects, therefore, this manual is geared for use by public and private school teachers. That should not be interpreted to mean, however, that the manual is intended for exclusive use by any one particular group. Where the information can be used, the Bureau of Boating Safety wholeheartedly endorses its use.

The manual has been developed in cooperation with other organizations which are also involved in boating safety, including the U.S. Coast Guard Auxiliary, the American Red Cross, and the U.S. Army Corps of Engineers. These groups, as well as the Bureau of Boating Safety, have provided information for the manual concerning films, speakers, publications, and courses.



SECTION I

FILMS

The agencies and organizations from which films are available are listed by number below. All films are available on a loan basis, free of charge, except for mailing expenses where applicable. The films are listed alphabetically, and since the same film may be available from several places, it is indicated after the film description where it may be obtained.

e.g., the film titled *CAPSIZING, SINKING AND FALLS OVERBOARD* is available from both 1 and 4, meaning that it can be obtained from either the New Mexico Natural Resources Department, Park and Recreation Division, Bureau of Boating Safety (#1 below) or the National Park Service, Southwest Regional Film Library (#4 below).

1. NEW MEXICO NATURAL RESOURCES DEPARTMENT, PARK AND RECREATION DIVISION, BUREAU OF BOATING SAFETY, 141 E. De Vargas Street (P.O. Box 1147), Santa Fe, New Mexico, 87503; Telephone: 505-827-2726.

2. UNITED STATES COAST GUARD AUXILIARY; Contact: Ben Gardiner, Captain, Division II, 2816 Rhode Island N.E., Albuquerque, New Mexico, 87110; Telephone: 505-264-7487 (W) or 505-298-0116 (H).

   N.B. The United States Coast Guard Auxiliary is glad to lend its films to interested schools and organizations; they prefer, however, that the film be accompanied by a uniformed member of the Auxiliary who will show the film and answer any questions afterwards.

3. THE AMERICAN RED CROSS, ROADRUNNER DIVISION, 142 Monroe N.E. (P.O. Box 8706), Albuquerque, New Mexico, 87198; Telephone: 505-265-8514.

4. NATIONAL PARK SERVICE, SOUTHWEST REGIONAL FILM LIBRARY, P.O. Box 728, Santa Fe, New Mexico, 87501; Telephone: 505-988-6373.

5. ALBUQUERQUE FEDERAL SAFETY COUNCIL; Contact: Roland DeRose, Chairman, % 1606 ABW Safety Office, Kirtland AFB, 87117; Telephone: 505-264-1711.

6. UNITED STATES ARMY CORPS OF ENGINEERS:

   A. Jerry Hammers, Superintendent, Cochiti Dam Project, Pena Blanca, New Mexico, 87041; Telephone: 505-242-8302.

   B. Dean Newton, Outdoor Recreation Planner, 517 Gold Avenue S.W., Albuquerque, New Mexico, 87102; Telephone: 505-766-2775.

AIDS TO NAVIGATION FOR BOATMEN, PART I AND PART II, COLOR, SOUND 16 MM, RUNNING TIME 20:00 (PART I), 25:00 (PART II)

This two-part film locates and describes the different systems of aids to navigation used in the United States. Artwork provides graphic information as to size, shape, color and use of buoys, markers, etc. Live photography from the recreational boater's point of view shows these markers and buoys in actual day and night use. PART I covers the State, Federal, Lateral, Intercoastal and Dual purpose systems.

(available from #2)

ANOTHER DAY OF CRUISING, COLOR, SOUND, 16 MM, RUNNING TIME 28:00

Film about two groups of people and their adventures on the water. One family owns and operates a small cabin cruiser. The owners have just completed a Coast Guard Auxiliary course and talk about equipment carriage and general safety precautions. The second group of people are four school students who borrowed an outboard boat from a friend and are just having fun. Outboard safety precautions and equipment carriage are pointed out. Other subjects covered include ventilation, fueling permanent tanks, fueling portable tanks, Rules of the Road, ramp courtesy, weather, and skiing.

(available from #2)

BASIC SAILING, COLOR, SOUND, 16 MM, RUNNING TIME 20:30

This film introduces some of the basic sailing skills and rules. Noted yachtsman George O'Day describes situations through an unusual slide technique, and filmed demonstrations on the "high seas" further clarify the suggestions made. This film instructs the novice sailor and stimulates him or her to learn more about basic sailing techniques and rules of the road.

(available from #2)

BOARDING PROCEDURES, COLOR. SOUND, 16 MM, RUNNING TIME 13:00

This film presents a typical boarding situation in which an experienced Coast Guard boating safety officer stops a speeding pleasure boat, boards, examines the federally required safety equipment and issues a citation.

(available from #4)

INLAND WATER SEARCH, RESCUE, RECOVERY, COLOR, SOUND, 16 MM., RUNNING TIME 17:00

This film, produced by the National Water Safety Congress, details various search and recovery techniques on inland lakes and rivers. The film points out the necessity of close coordination among local, state, and federal organizations involved in search, rescue, and recovery operations so that a well organized plan of action can be implemented when emergencies arise.

(Available from #1 & 2)

BOATING SAFETY AND RESCUES, COLOR, SOUND, 16 MM, RUNNING TIME 10:13

A capsule review of small boat safety is presented in an interesting and informative style. The viewer gets a look at some of the basic life-saving techniques and how they are adapted to make rescues from boats. This film, with its emphasis on common sense, is an important part of safe boating preparedness.

(available from #3)

BY NATURE'S RULE, COLOR, SOUND, 16 MM, RUNNING TIME 28:00

This film comes to grips with the number one killer of outdoor recreationists, and identifies the killer by its proper name...hypothermia. We learn the causes and effects of hypothermia, the insidious onset, deepening mental stupor, useless hands, amnesia, irrationality, collapse, unconsciousness, and death.

(available from #4)

CAPSIZING, SINKING AND FALLS OVERBOARD, COLOR, SOUND, 16 MM, RUNNING TIME 14:00

Shows causes and prevention of sinking, capsizing and falls overboard. Discusses buoyant effect and stability of pleasure boats.

(available from #1 and #4)

CONGRATULATIONS, YOU MADE IT, COLOR, SOUND, 16 MM, RUNNING TIME 10:00

This film shows the importance of safety, even on vacation. It points out potential hazardous activities encountered while on vacation such as unaccustomed strenuous exercise, highway driving, swimming, boating, and last minute rushing.

(available from #4)

COURTESY AFLOAT, COLOR, SOUND, 16 MM, RUNNING TIME 20:00

This film is designed for use by all boaters, but particularly for those who operate less than 16-foot boats. Equipment carriage, fueling, water-skiing, weather, and safe operation are subjects discussed.

(available from #1)

COURTESY MARINE EXAMINATION, COLOR, SOUND, 16 MM, RUNNING TIME 14:30

Action follows boat owner as he trailers his 20-foot craft to Auxiliary Courtesy Marine Examination station for a Courtesy Examination. The film also shows CME being conducted aboard a larger yacht in the water. Boats are checked for safety and required equipment.

(available from #2)

DROWNING IS FOREVER, COLOR, SOUND, 16 MM, RUNNING TIME 18:00

Describes techniques of survival in given water situations.

(available from #2)

FIND A FLOAT, COLOR, SOUND, 16 MM, RUNNING TIME 10:00

Teachers viewers how to spot materials on docks and in boats that can be improvised for emergency flotation devices.

(available from #2 and #4)

FROGGY AND FRIENDS, COLOR, SOUND, 16 MM, RUNNING TIME 9:00

Film discusses "how to": load boats, wear PFD's, fuel. "Froggy" is an absent-minded man who does everything wrong. The "friends" are two children who show Froggy the right way to approach different problems presented. The theme of the film as well as the dress of the actor indicate that this is a children's film.

(available from #2)

HYPOTHERMIA AND COLD WATER SURVIVAL, COLOR SLIDE PRESENTATION (48 SLIDES), WITH SCRIPT, RUNNING TIME 30:00 - 45:00

This presentation goes into detailed explanation of the causes and effects of hypothermia. It also shows what precautions should be taken to avoid hypothermia.

(available from #1)

LEGAL REQUIREMENTS FOR BOATMEN, COLOR, SOUND, 16 MM, RUNNING TIME 20:00

This film takes a look at the legal requirements on different types of boats, ranging from application of registration to an explanation of the four classes of boats. The film also shows how different boats perform in different situations, and explains other equipment requirements.

(available from #1)

NOT BY A DAM SITE, COLOR, SOUND, 16 MM, RUNNING TIME 14:00

Film describes boating hazards adjacent to navigation and flood control locks, dam and powerhouse structures. Vividly shows the results of tests conducted in various areas around locks and dams and emphasizes the need for safety while boating in these areas.

(available from #1, #2, and #5)

PERSONAL FLOTATION DEVICES (PFD'S), COLOR, SOUND, 16 MM, RUNNING TIME 14:30

This brief review of proper and improvised use of approved PFD's (life jackets, seat cushions, etc.) is excellent for emphasizing the use of PFD's whether powerboating, canoeing, rafting, or sailing.

(available from #3)

REVOLUTIONARY REGULATIONS, COLOR, SOUND, 16 MM, RUNNING TIME 29:00

This film explains the personal flotation device regulations that went into effect on October 1, 1973. Our hero falls asleep while studying the new regulations and he and his wife wander through a Colonial American setting. They meet several interesting characters who explain in detail the four types of personal flotation devices (PFD's) approved by the Coast Guard, their performance characteristics and the number that must be carried on different types and sizes of boats.

(available from #1 and #2)

RIVER OF RETURN, COLOR, SOUND, 16 MM, RUNNING TIME 14:30

Emphasizes pleasure boating safety on rivers and near locks which are used principally by commercial traffic. This is of particular interest to boaters anticipating the use of inland navigable rivers.

(available from #2)

RULES OF THE ROAD, COLOR, SOUND, 16 MM, RUNNING TIME 16:00

While primarily designed for the information of small craft owners, the Inland Rules as interpreted in this film are applicable to all vessels except those under International Rules, Western River Rules, or Great Lakes Rules. The film presents the meeting, passing and overtaking situations as well as small craft versus large vessels, and proper procedures in fog.

(available from #1)

SAFE IN THE WATER, COLOR, SOUND, 16 MM, RUNNING TIME 15:00

Dramatized episodes show the most frequent causes of water accidents involving children in both moving and still bodies of water.

(available from #4)

SAILING, DO IT RIGHT, DO IT SAFE, COLOR, SOUND, 16 MM, RUNNING TIME 28:00

Covers the basics of sailing from launching to returning to the pier.

(available from #2)

SCORE OFF SHORE (THE), COLOR, SOUND, 16 MM, RUNNING TIME 20:00

Provides current federal legal requirements for boat operators through off-screen voice instructing, in entertaining fashion, a couple who have just purchased a boat about the necessary equipment.

(available from #1 and #2)

SUDDENLY AND WITHOUT WARNING, COLOR, SOUND, 16 MM, RUNNING TIME 16:00

This film explains in detail all four types of personal flotation devices (PFD's), and demonstrates each one.

(available from #1)

SUDDENLY IN COMMAND, COLOR, SOUND, 16 MM, RUNNING TIME 16:00

This film shows examples of what a passenger should do when the operator of a boat falls overboard or gets sick. The procedures for assisting the person who has fallen overboard and the procedures for getting to shore safely are also explained.

(available from #2, #5, and #6)

SURVIVAL FOR SPORTSMEN, COLOR, SOUND, 16 MM, RUNNING TIME 11:20

This film shows a fully-clothed sportsman and his reaction when he finds himself accidentally in the water. Falls into the water cause almost two-thirds of the country's annual drowning accidents, and this film is of particular interest to service clubs, sporting groups, fishermen and fisherwomen, boating clubs, and anyone involved in recreational water pursuits.

(available from #3)

SURVIVAL SWIMMING, COLOR, SOUND, 16 MM, RUNNING TIME 7:09

Much like *SURVIVAL FOR SPORTSMEN*, this film depicts a hunter in full gear falling into the water. He won't die because he knows the principles of survival swimming. Shown in this film are the rules for coping with water-soaked clothes, and the techniques for survival floating and treading water. The film is a compact primer for personal safety in the water.

(available from #3)

TRAILERING, COLOR, SOUND, 16 MM, RUNNING TIME 15:00

This film covers the in's and out's of trailering a recreational boat. Driving tips, launching, recovery, maintenance and safety are emphasized.

(available from #2)

UNCALCULATED RISK (THE), COLOR, SOUND, 16 MM, RUNNING TIME 15:00

This film shows what can go wrong when inexperienced people head down rivers in canoes, kayaks, and rafts. It stresses the need for pre-experience instruction as the best means for preventing accidents. This film has received several educational film awards.

(available from #2 and #3)

USEFUL KNOTS FOR BOATMEN, COLOR, SOUND, 16 MM, RUNNING TIME 25:00

Demonstrates how to tie most knots used on boats. The reason for the knots and where to use them are explained.

(available from #2)

WHAT NOW SKIPPER?, COLOR, SOUND, 16 MM, RUNNING TIME 20:00

Through a combination of dramatic live demonstrations and colorful graphics, this film depicts the recommended procedures for selecting, maintaining, and using marine fire extinguishers. This film is intended for use in familiarizing the boating public with the federal requirements for carrying fire extinguishers and their proper use on a recreational boat. Humor and cartoon characters have been included in the film to maintain viewer interest.

(available from #2)

WHITEWATER, COLOR, SOUND, 16 MM, RUNNING TIME 10:30

Whitewater running is an enormously popular sport, and this film provides a close look at those who participate in it.

(available from #3)

WHITEWATER PRIMER, COLOR, SOUND, 16 MM, RUNNING TIME 22:40

This film shows what can be learned as a result of organized, quality instruction. We follow a typical four-day class from its flatwater indoctrination to its final day on a scenic class II and III river.

(available from #2 and #3)

SECTION II

SPEAKERS

This section lists speakers, by organization, who are willing to give presentations to schools and other groups interested in boating safety education. If a person or organization is going to be contacted requesting a presentation, please allow plenty of lead time. Speakers are qualified to address a wide variety of topics in regard to boating and boating safety. If you are interested in a presentation on a *particular topic*, please apprise the speaker of this when you make the initial contact.

1. ORGANIZATION: NEW MEXICO NATURAL RESOURCES DEPARTMENT, PARK AND RECREATION DIVISION, BUREAU OF BOATING SAFETY

SPEAKERS:

DAVID SKASIK, BOATING ADMINISTRATOR

New Mexico Natural Resources Department
Park and Recreation Division
Bureau of Boating Safety
141 E. De Vargas Street (P.O. Box 1147)
Santa Fe, New Mexico 87503
Telephone: 505-827-2726

MARGARET E. MARSHALL, TRAINING SPECIALIST

New Mexico Natural Resources Department
Park and Recreation Division
Bureau of Boating Safety
141 E. De Vargas Street (P.O. Box 1147)
Santa Fe, New Mexico 87503
Telephone: 505-827-2726

Boat Officers

DONALD COLEMAN, UTE LAKE STATE PARK

P.O. Box 295
Logan, New Mexico 88426
Telephone: 505-487-2284

ORLANDO HERRERA, COCHITI LAKE

Bureau of Boating Safety
141 E. De Vargas Street (P.O. Box 1147)
Santa Fe, New Mexico 87503
Telephone: 505-827-2726

Boat Officers (cont.)

WILLIAM PLAATJE, ELEPHANT BUTTE LAKE STATE PARK

P.O. Box 13
Elephant Butte, New Mexico 87935
Telephone: 505-744-5421

TED STUART, CONCHAS LAKE STATE PARK

P.O. Box 35
Conchas Dam, New Mexico 88416
Telephone: 505-868-2270

BILL TROTTER, NAVAJO LAKE STATE PARK

P.O. Box 6395
Navajo Dam, New Mexico 87419
Telephone: 505-632-2278

2. ORGANIZATION: UNITED STATES COAST GUARD AUXILIARY *(New Mexico is included in Division II of the 8th U.S. Coast Guard District; there are four Auxiliary flotillas at different locations in New Mexico)*

SPEAKERS:

LILLIAN MANSER or JULIAN MANSER (FLOTILLA 24)

2627 Vista Larga N.E.
Albuquerque, New Mexico 87106
Telephone 505-255-3404 (H)
505-298-5477 (W)

JOHN MEDEMA (FLOTILLA 22)

4104 Cedar Drive
Farmington, New Mexico 87401
Telephone: 505-325-8795 (H)
505-325-4202 (W)

GLADYS PREKKER or WILLARD PREKKER (FLOTILLA 25)

P.O. Box AG
Elephant Butte, New Mexico 87935
Telephone: 505-744-5301

2. UNITED STATES COAST GUARD AUXILIARY (cont.)

BETTY C. ORWICK (FLOTILLA 23)

9000 Zuni S.E., #W79
Albuquerque, New Mexico 87123
Telephone: 505-293-1186

or

P.O. Box 932
Conchas Dam, New Mexico 88416
Telephone: 505-868-2915

3. ORGANIZATION: UNITED STATES ARMY CORPS OF ENGINEERS

SPEAKERS:

JERRY HAMMERS, SUPERINTENDENT, COCHITI DAM PROJECT

P.O. Box 1283
Pena Blanca, New Mexico 87041
Telephone: 505-242-8302

KIM LUDEKE, PARK RANGER, ABIQUI DAM PROJECT

General Delivery
Abiqui, New Mexico 87510
Telephone: 505-685-4371

DEAN NEWTON, OUTDOOR RECREATION PLANNER

517 Gold Avenue S.W.
Albuquerque, New Mexico 87102
Attn: SWACO-OR
Telephone: 505-766-2775

JOHN SMITH, PARK RANGER, COCHITI DAM PROJECT

P.O. Box 1238
Pena Blanca, New Mexico 87041
Telephone: 505-242-8302

SECTION III

BASIC TEXTS AND RELATED PUBLICATIONS

BASIC TEXTS:

The two texts listed below are designed for (or easily adaptable to) use in the junior high and high school classroom.

*Indicates availability free and in quantity. Otherwise price is indicated.

1. *NEW MEXICO BETTER BOATING: A GUIDE TO SAFETY AFLOAT* (83 pages)*

This easy-to-read, illustrated publication is ideal for classroom use. It is available in both a student and an instructor edition, and can be used as the basic text for a three to five week unit on boating safety. The book is divided into 25 chapters covering many different aspects of boating skills and boating safety. Quizzes called "Skipper's Scores" are included throughout the book to test knowledge gained. The book also contains a glossary of boating terms and maps of New Mexico's major lakes.

Students are encouraged to complete and mail in the "Final Skipper's Score Answer Card" at the beginning of the book to become eligible for an official certificate of completion, a certification card, and a better boater decal from the Bureau of Boating Safety.

NEW MEXICO BETTER BOATING: A GUIDE TO SAFETY AFLOAT is available in quantity to interested schools and individuals, free of charge, except for shipping costs when more than five copies are requested.

Please contact: New Mexico Natural Resources Department
Park and Recreation Division
Bureau of Boating Safety
141 E. De Vargas Street (P.O. Box 1147)
Santa Fe, New Mexico 87503
Telephone: 505-827-2726

2. *THE BOATER PERFORMANCE COURSE*

This "learning package" is described as an "innovative, up-to-date approach to boating safety" which "provides both the instructor and the student with the opportunity to increase the enjoyment of one of America's most popular recreational activities...pleasure boating." The package is specifically designed for use with junior high and high school students, and was developed with the assistance of a funding grant from the U.S. Department of Transportation, United States Coast Guard. Individuals completing *THE BOATER PERFORMANCE COURSE* become eligible for a certificate from the Recreational Boating Institute in Tulsa, Oklahoma. The package contains four components; a brief description of each follows:

A. *CURRICULUM OUTLINE* (29 pages; for instructors' use only) - 16 units; the outline is organized for the purpose of identifying those student actions and behavior appropriate to the objectives of *THE BOATER PERFORMANCE COURSE*.

B. *LABORATORY EXERCISES* (10 pages; for instructors' use only) - 5 exercises; use with the rest of the package is optional; the exercises provide the student an opportunity to apply those principles and actions learned in the class in an on-the-water situation.

C. *RESOURCE MANUAL* (77 pages; for instructors' and students' use) - 11 chapters and a glossary; this manual serves as the primary resource material in carrying out the learning experiences identified in the *CURRICULUM OUTLINE*.

D. *STUDENT WORKBOOK* (23 pages; for instructors' and students' use) - 20 lessons; the workbook provides the students with a number of interesting and challenging problems which correspond to information that will be discussed in class as well as information contained in the *RESOURCE MANUAL*.

It is recommended that instructors purchase the complete package:

COST: $25.00

It is recommended that students purchase:

RESOURCE MANUAL - COST: $2.00 each

STUDENT WORKBOOK - COST: $1.00 each

For further information, please contact:

Michael W. Davis, Ed.D.
University of Tulsa
600 S. College
Tulsa, Oklahoma 74104
Telephone: 918-939-6351 X247

or

Marvin N. Reichle, Ph.D.
University of Houston
3801 Cullen Blvd.
Houston, Texas 77004
Telephone: 713-749-4386

RELATED PUBLICATIONS:

The following materials may be useful as supplemental reading and/or reference to the basic texts listed on pp. 15 and 16. Some of the materials listed in this section are also used as the basis for courses listed in SECTION IV of this manual.

The agencies and organizations from which pamphlets and books are available are listed below. The pamphlets and books are listed alphabetically. Since the same materials may be available from several places, it is indicated after the description the source(s) where the pamphlet or book may be obtained.

e.g., the pamphlet titled *FEDERAL REQUIREMENTS FOR RECREATIONAL BOATS* is available from 1 and 2, meaning that it can be obtained from either the New Mexico Natural Resources Department, Park and Recreation Division, Bureau of Boating Safety (#1 below) or the United States Coast Guard Auxiliary (#2 below).

1. NEW MEXICO NATURAL RESOURCES DEPARTMENT, PARK AND RECREATION DIVISION, BUREAU OF BOATING SAFETY, 141 E. De Vargas Street (P.O. Box 1147), Santa Fe, New Mexico, 87503; Telephone: 505-827-2726.

2. UNITED STATES COAST GUARD AUXILIARY; Contact: Ben Gardiner, Captain, Division II, 2816 Rhode Island N.E., Albuquerque, New Mexico, 87110; Telephone: 505-264-7487 (W) or 505-298-0116 (H).

3. THE AMERICAN RED CROSS, ROADRUNNER DIVISION, 142 Monroe N.E. (P.O. Box 8706), Albuquerque, New Mexico, 87198; Telephone: 505-265-8514.

*Indicates availability free and in quantity. Otherwise price is indicated.

**ABOUT LIFE JACKETS 'N PFD'S...WITH EPH (EXTENDED HYPOTHERMIA PROTECTION)*

This pamphlet explains different types of PFD's and explains in detail common causes of hypothermia and its prevention.

(available from #1)

**(ALMOST) EVERYTHING YOU EVER WANTED TO KNOW ABOUT BOATING...BUT WERE ASHAMED TO ASK*

This pamphlet, in question and answer format, is amusingly designed to provide basic boating information.

(available from #2)

BASIC CANOEING (67 pages; $.50/copy)

This book covers various aspects of canoeing, and lists commonly-used canoeing terminology. There are sections on canoe assistance, canoe safety, rescue of others from canoes, canoe over canoe assistance, canoe handling under adverse conditions, care and repair, and artificial respiration. The book is an excellent reference source for canoeing and is used as the basic text in the American Red Cross course by the same name (see SECTION IV).

(available from #3)

BASIC OUTBOARD BOATING (98 pages; $1.25/copy)

This text defines and classifies motorboats and different types of boat hulls. It has sections on safety equipment requirements, trim and stability of boats, and piloting and navigation aids. It is used as the text in the American Red Cross course by the same name (See SECTION IV).

(available from #3)

BASIC ROWING (80 pages; $.50/copy)

The first section of this text describes the general characteristics of rowing crafts and their limitations. There are also sections on classes of rowing crafts and their variations; construction of small crafts; equipment requirements for row boats; boarding procedures; and knot tying and use of lines. The book is used as the text in the American Red Cross course by the same name (See SECTION IV).

(available from #3)

BASIC SAILING (122 pages; $.85/copy)

This book gives a brief history of sailing, and descriptions of sailboat types and classes. Other sections concern types of hulls and their characteristics, types of sails and their care, and rules of the road. The text contains a glossary of nautical terms, and is used in the American Red Cross course by the same name (See SECTION IV).

(available from #3)

BOATING SKILLS AND SEAMANSHIP (243 pages; $7.00/copy)

This text is published by the U.S. Coast Guard Auxiliary for use in its course by the same name. Please see SECTION IV of this manual for more details on the content of the text and course.

(available from #2)

**COLD WATER DROWNING - A NEW LEASE ON LIFE*

This pamphlet is intended to provide information concerning what to do in a drowning emergency.

(available from #1 and #2)

**COURTESY MOTORBOAT EXAMINATION*

This pamphlet explains in detail the federal equipment requirements ranging from personal flotation devices (PFD's) to proper ventilation in engine compartments.

(available from #1 and #2)

**EMERGENCY REPAIR AFLOAT*

Pamphlet designed as a boatperson's guide to engine trouble-shooting, emergency repairs, staying afloat, and recommended basic hand tools and spare parts.

(available from #2)

**FEDERAL MARINE SANITATION DEVICE REGULATIONS*

This pamphlet specifies federal regulations regarding marine sanitation devices, or toilets, on boats.

(available from #2)

**FEDERAL REQUIREMENTS FOR RECREATIONAL BOATS*

This pamphlet lists the safety requirements set forth by the United States Coast Guard. It also has a section listing safe boating tips, and a copy of a float plan. A directory indicates where one can find further information on subjects pertaining to boating.

(available from #1 and #2)

**FIRST AID FOR THE BOATMAN*

This pamphlet is a handy guide for all kinds of first aid treatment. It covers what to do in emergencies involving bleeding, shock, choking, heart attack, heat stroke, hypothermia, etc.

(available from #2)

**HYPOTHERMIA AND COLD WATER SURVIVAL*

Pamphlet explains what hypothermia is, how to recognize it, and what steps to take in preventing it or handling it should it occur.

(available from #2)

**NEW MEXICO PARK REGULATIONS AND BOATING LAWS*

This very-important booklet contains all the boating regulations pertaining to New Mexico waters, as well as general park regulations. Every boater in the state should be familiar with the regulations and laws specified in this publication.

(available from #1)

**MARINE COMMUNICATIONS FOR THE BOATING PUBLIC*

This pamphlet describes the communications systems that are available to the boating public, and is intended to assist boaters in selecting proper systems for the area in which they will be operating. The last page of the pamphlet is a perforated Marine Emergency and Distress Information Sheet which can be torn out and placed near radio for ready reference.

(available from #2)

**MARINE SERVICES*

Pamphlet describes weather warnings and forecasts; marine weather service charts; warning display signals; NWS VHF radio weather; and weather rules for safe boating.

(available from #2)

**PASSPORT TO PLEASURE CRUISING*

Pamphlet provides information about the U.S. Coast Guard Auxiliary educational programs, many of which are also listed in SECTION IV of this manual. The pamphlet further includes information about joining the Auxiliary - who qualifies, what duties and functions are involved.

(available from #2)

**SAFE NAVIGATION PUBLICATION*

Pamphlet lists current nautical charts, tables, maps, and other pertinent publications related to navigation in the U.S. Coastal waters.

(available from #2)

SAILING AND SEAMANSHIP (13 chapters; $7.00/copy)

This text, published by the U.S. Coast Guard Auxiliary, is used in its course by the same name. Please see SECTION IV of this manual for more details on the content of the text and course.

(available from #2)

**SMALL BOAT HANDLING*

This pamphlet explains courtesy and common sense afloat to the outboard boater. It also explains the safety equipment that is required on all boats, tips on matching one's trailer to a boat and car, information on trailer servicing, and safety precautions when towing one's boat.

(available from #1)

**STOPPING MARINE POLLUTION - HOW CAN YOU HELP??*

Pamphlet emphasizes how each individual can be a part of increased efforts to protect and restore the environment, particularly the millions of miles of rivers, streams, lakes and coastline in this country.

(available from #2)

***UNITED STATES COAST GUARD NAVIGATION RULES* (170 pages)

This book contains the International Regulations for preventing collisions at sea which should be followed by all public and private vessels of the United States while navigating upon the High Seas. Also included are the Inland Rules of the Road which are to be followed by all vessels while navigating upon certain waters of the United States.

**available free in limited quantity

(available from #1)

**VISUAL DISTRESS SIGNALS*

Pamphlet emphasizes that a proper, recognized distress signal will improve one's chances of early detection, and illustrates the commonly-used day and night visual distress signals.

(available from #2)

SECTION IV

COAST GUARD AUXILIARY AND AMERICAN RED CROSS COURSES

The New Mexico Bureau of Boating Safety encourages public and private schools in the state to include boating safety education as a unit within existing school curriculums. The basic texts listed in the first part of SECTION III of this manual are suitable for use in this type of program.

Additionally, both the U.S. Coast Guard Auxiliary and the American Red Cross have standard boating safety and skills courses which are suitable for community education when interest exists and qualified instructors are available.

Below are brief descriptions of these courses. If there is interest in your town or community, for further information please contact the office or individual indicated after the descriptions. There may be a charge for materials involved in presenting a particular course.

1. UNITED STATES COAST GUARD AUXILIARY COURSES (range from in-depth courses for the serious skipper to shorter courses designed to get the novice off to a good start)

BASIC BOATING (3 lessons, each about 2 hours in length)

This is a compact course covering seamanship, aids to navigation, rules of the road, knots, and safety techniques.

BOATING SKILLS AND SEAMANSHIP (6 to 13 lessons, each approximately 2 hours in length)

The first 6 lessons are the nucleus of the course and cover boat handling, boating laws, rules of the road, etc. Lessons 7 through 13 are optional, covering subjects such as charts and compass, marine engines, and marine radiotelephone; one or more of these optional one-session classes may be offered at the conclusion of the first 6 lessons. The course uses a text by the same name and audio-visual presentations supplement the text material. The final exam is available in both English and Spanish.

INTRODUCTION TO SAILING (1-lesson starter course, about 2 hours in length)

The course covers basics of handling sailboats, and is also offered as a *BOATING SKILLS AND SEAMANSHIP* course lesson.

SAILING AND SEAMANSHIP (7 to 13 lessons, each approximately 2 hours in length)

The course includes 7 core units and 6 elective units. A text by the same name, supplemented with audio-visual presentations, is used as the basis of the course and covers such areas as basic sailboat maneuvering, rigging and sailboat handling, and weather forecasting and weather sailing.

SKIPPER'S OUTBOARD SPECIAL (1-lesson starter course, about 2 hours in length)

The course is designed to give the novice or occasional boater an understanding of safety devices, boating equipment and potentially hazardous situations.

WATER'N KIDS (1-lesson course, 45-60 minutes in length)

Introductory course designed for children ages 5 to 8. Presentation includes coloring books and slide presentation.

YOUNG PEOPLE'S BOATING COURSE (1-lesson course, about 1 hour in length)

The course is designed for 10 to 15 year olds, and features pupil participation in demonstrations.

Please contact: Ben Gardiner, Captain
Division II
8th U.S. Coast Guard District
2816 Rhode Island N.E.
Albuquerque, New Mexico 87110

Telephone: 505-264-7487 (W)
505-298-0116 (H)

2. AMERICAN RED CROSS COURSES

CANOEING (9 units, approximately 1½ hours each; prerequisites: Swimming Skills)

Text use is *BASIC CANOEING* - for more details on text and course subjects, see SECTION III of this manual.

ROWING (9 units, approximately 1 hour each; prerequisites: Swimming Skills)

Text used is *BASIC ROWING* - for more details on text and course subjects, see SECTION III of this manual.

SAILING I (8 units, approximately 2 hours each)

Text used is *BASIC SAILING* - for more details on text and course subjects, see SECTION III of this manual.

SAILING II (8 units, approximately 2 hours each; prerequisites: Swimming Skills and *SAILING I*)

OUTBOARD BOAT I (9 units, approximately 2 hours each)

Text used is *BASIC OUTBOARD BOATING*- for more details on text and course subjects see SECTION III of this manual.

OUTBOARD BOAT II (9 units, approximately 2 hours each; prerequisites: Swimming Skills and *OUTBOARD BOAT I*)

Please contact: 1. Your local Red Cross office (so that they will be informed of interest in their part of the state)

2. American Red Cross
Roadrunner Division
142 Monroe N.E. (P.O. Box 8706)
Albuquerque, New Mexico 87198

Telephone: 505-265-8514

CONCLUSION

At present, over 39,000 boats are registered in the state of New Mexico. There is no doubt that recreational boating is becoming more and more popular each year. Every weekend, expecially during the pleasant months, scores of boaters can be found enjoying the 155 square miles of boatable waters that New Mexico offers.

An awareness of the importance of boating safety can only bring increased enjoyment to individuals who participate in boating as a leisure-time activity. After all, boating mishaps and accidents, even when they don't end in outright tragedy, can still mar what otherwise seemed to be a perfect weekend.

The Bureau of Boating Safety, through education, hopes to continue to raise the public consciousness about safety as an all-important aspect of recreational boating.

This manual is one element which we hope will be of benefit in promoting boating safety education in New Mexico.

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